

E1500



Built with Quality in Mind

Multipurpose Tool for Maintenance & Tuning of Boilers,
Engines, Furnaces, and Other Combustion Applications

Industrial Combustion Gas Analyzer

Accurate

Reliable

Robust

Fast

CO₂

CO

O₂

NEW!

● Combustion Efficiency

● CO Sensor w/ NO_x Filter

● Draft & Differential Pressure

● 2 Channel Thermometer

● Internal Memory (2000 Tests)

● Zoom Feature

● Pre-Calibrated, Field Replaceable
Gas Sensors



Bluetooth®

 **PC Software with Automatic Data Saving**

 **Full COLOR Graphic Display**

 **BUILT-IN Printer**



E Instruments International

www.E-Inst.com

P: 215-750-1212 F: 215-750-1399 A: 402 Middletown Blvd, Ste 216 Langhorne, PA 19047

E1500 Features



Built with Quality in Mind

BUILT-IN Printer

**Pre-Calibrated
Field Replaceable
Sensors**

**Full COLOR
Graphic Display**

**Simple Menu
Interface**

NEW!

Probes & Hoses

Standard: 12", 300mm Probe,
1470°F/800°C max with
10'/3m Dual Hose

Long: 30", 750mm Probe,
1470°F/800°C max with
10'/3m Dual Hose

Long & High Temp: 40", 1m Probe,
2190°F/1200°C max, with
10'/3m Dual Hose

Hose Extensions: 10'/3m Length
Available



All E1500 Include:

- Built-In Printer
- Draft & Differential Pressure
- Temperature Measurements
- Calculation for CO₂, Efficiency
& Excess Air
- Li-Ion Rechargeable Batteries &
AC Charger
- Gas Sampling Probe & Hoses
- Water Trap with Filter Cartridge
- Magnetic Rubber Holster
- 2000 Test Internal Memory
- PC Software & USB Cable
- Bluetooth Module (Internal)
- Operating Manual
- Calibration Certificate
- Vinyl Carrying Case

**Magnetic
Rubber Holster**



**Unbreakable Metal
Connections**

**PC Software Package
with Bluetooth & USB**

Parameter	Sensor	Range	Resolution	Accuracy
O ₂	Electrochemical	0 - 25 %	0.1 %	±0.2 % vol
CO H ₂ Compensated w/ Built-In NO _x Filter	Electrochemical	0 - 8000 ppm	1 ppm	±10 ppm <400 ppm ±5 % rdg up to 2000 ppm ±10 % rdg for >2000 ppm
CO ₂	Calculated	0 - 99.9%	0.1 %	
Tair	Pt100	-10 to 212 °F	0.1 °F	±1 °F
Tgas	Tc K	-10 to 1830 °F	0.1 °F	±2 °F
Differential Temp.	Calculated	-10 to 1830 °F	0.1 °F	
Pressure/Draft	Semiconductor	±0 - 80 inH ₂ O	0.001 in H ₂ O	±1 % (-4.014 - 0.806 inH ₂ O) ±0.008 (-0.802 - 0.802 inH ₂ O) ±1 % (0.806 - 0.292 inH ₂ O)
Excess Air	Calculated	0 - 850%	1 %	
Efficiency	Calculated	0 - 100%	0.1 %	

Ordering Information

Model No.	Description
E1500-1	E1500 Unit (O ₂ & CO Gas Sensors, CO ₂ Calculated, Efficiency, Excess Air, Draft, Pressure, Temperature, Rechargeable Battery & AC Plug, Gas Sample Probe with Hose, Vinyl Carrying Case, Calibration Certificate, Water Trap, 2000 Test Memory, Built-In Printer, & PC Software Package)

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